MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01x Fall Term 2001

GENERAL INFORMATION

Lecturer: Professor Kate Scholberg, room 44-124, 3-8564
schol@mit.edu

Recitation
Instructors: Professor Ray Ashoori, room 13-2053, 3-5585
ashoori@mit.edu

Professor Haiyan Gao, room 26-413, 8-0256
haiyan@mit.edu

Professor Gunther Roland, room 24-504, 3-9735
gunther.roland@cern.ch

Edward Keyes, room 6-218M, 3-6094
eakeyes@mit.edu

Experiment TAs: Edward Keyes, room 6-218M, 3-6094
eakeyes@mit.edu

Others TBA

CyberTutor TA: David Kokorowski, davidk@mit.edu

Course Manager: Maria Springer, room 4-352, 3-4461
maria@mit.edu

Web Page: http://web.mit.edu/8.01x/www

Textbook: H. D. Young and R. A. Freedman,
University Physics, 10th Edition,
Lectures: MWF 10-11 room 4-370

Recitations:
- R01 TR 10-11  26-168  H. Gao
- R02 TR 11-12  26-168  H. Gao
- R03 TR 1-2    24-402  R. Ashoori
- R04 TR 2-3    24-402  R. Ashoori
- R05 TR 3-4    24-402  G. Roland
- R06 TR 10-11  26-210  E. Keyes
- R07 TR 11-12  26-210  R. Ashoori
- R08 TR 2-3    26-302  G. Roland

Experiment Help
Session: MR 3-5 pm, TW 7:30-9:30 pm
Room 16-168

CyberTutor Help
Sessions: TBA

Exams: MARK THESE ON YOUR CALENDAR NOW!!!
- Quiz 1: Monday October 1
- Quiz 2: Wednesday October 24
- Quiz 3: Monday November 19
- Final Exam: Monday December 17 9 am-Noon in 10-250

Problem Sets:

There will be a weekly problem set that consists of two parts:

1. CyberTutor problems to be answered on-line.

2. Hand-written problems to be handed in on Fridays by 5:00 pm.  
   Please write your name, subject, recitation number and the name of  
   the recitation instructor on the top right corner of the first page of the  
   homework assignment. Your completed problem sets should be placed  
   in the recitation instructor’s box in room 4-339B.
Experiments:

As you know, the experimental work, based primarily on take-home kits, will be a major feature of this course. See the separate handout ABOUT EXPERIMENTS for details. Experiment instructions will be handed out in class on a Wednesday. There will be a few short questions regarding the analysis of the experiment that will in general be due on Fridays. YOU WILL NOT BE AWARDED A GRADE UNTIL YOU HAVE HANDED IN THE RETURNABLE PARTS WITH THE RED BOX.

Grading:

As in all subjects taken by freshmen in the first semester, the official grades will be only Pass/No Record. However, your work during the semester will be graded quantitatively to give you a clear picture of how you are doing. The numerical basis for the final grade will be approximately as follows: 3 quizzes 45%, final exam 25%, CyberTutor 10%, hand-written problem sets 10%, experiment problems 10%.